

Procedure to replace the voltage monitoring board.

1. LOTO the corresponding power supply. Location of the power supplies can be determined from BNL drawing XXXXX.
2. All measurements are performed under Class-A category, less than 50 volts.
3. Unplug the 45 volt (2 A) AC power supply that powers the voltage monitoring boards. The power supply is located in "B" alcove.
4. Unplug the 5 volt (500 mA) DC power supply that powers the 1-wire circuit on the voltage monitoring board.
5. Verify the leds on the voltage monitoring board are off.
6. Verify the voltage across the leads is zero volt.
7. Verify the voltage from the lead to ground is zero volt.
8. Disconnect all wires from the voltage monitoring board, replace the board and then reconnect all the wires.